Revealing Career Growth and Success by Embracing Continuous Engineering Professional Development

Engr. Lyndon R. Bague, MEng, PEE, ASEAN Engr.

Member, PRC-BEE-CPD Council

Member, PRC-CPSP-CAT Program Management

CHED Member, Technical Panel for Engineering and Technology

CHED Chairperson, Technical Committee on Engineering Technology

Director, TUP Quality Assurance and Accreditation Coordinating Service Office

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PHILIPPINES

Meeting of ASEAN Chartered Professional Engineer Committee (ACPECC), 4 June 2024, Siem Reap -

Jun Jacinto Lopez is with Florigo Varona and Lyndon R. Bague at One Farrer at Singapore.

2m ·

Attending the 23rd ASEAN Federation of Engineering Organizations (AFEO). One Farrer Hotel, Singapore.

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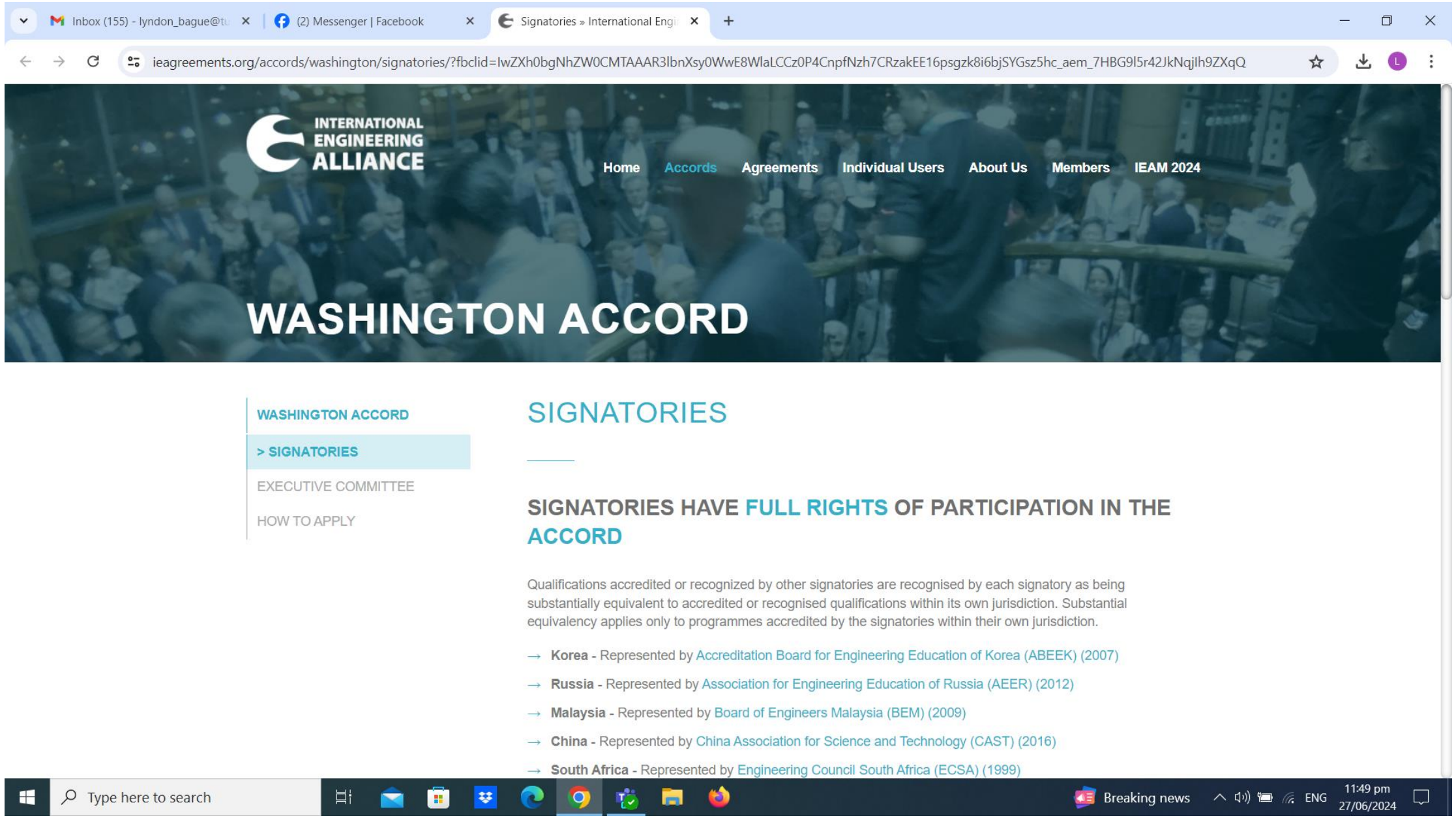
Inbox (155) - lyndon_bague@t
(2) Messenger | Facebook
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ieagreements.org/accords/washington/signatories/?fbclid=IwZXh0bgNhZW0CMTAAAR3IbnXsy0WwE8WlaLCCz0P4CnpfNzh7CRzakEE16psgzk8i6bjSYGsz5hc_aem_7HBG9l5r42JkNqjIh9ZXqQ
INTERNATIONAL ENGINEERING ALLIANCE
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Accords
Agreements
Individual Users
About Us
Members
IEAM 2024
WASHINGTON ACCORD
WASHINGTON ACCORD
> SIGNATORIES
EXECUTIVE COMMITTEE
HOW TO APPLY
SIGNATORIES
SIGNATORIES HAVE FULL RIGHTS OF PARTICIPATION IN THE ACCORD
Qualifications accredited or recognized by other signatories are recognised by each signatory as being substantially equivalent to accredited or recognised qualifications within its own jurisdiction. Substantial equivalency applies only to programmes accredited by the signatories within their own jurisdiction.
→ Korea - Represented by Accreditation Board for Engineering Education of Korea (ABEEK) (2007)
→ Russia - Represented by Association for Engineering Education of Russia (AEER) (2012)
→ Malaysia - Represented by Board of Engineers Malaysia (BEM) (2009)
→ China - Represented by China Association for Science and Technology (CAST) (2016)
→ South Africa - Represented by Engineering Council South Africa (ECSA) (1999)
Type here to search
Breaking news
ENG
11:49 pm
27/06/2024

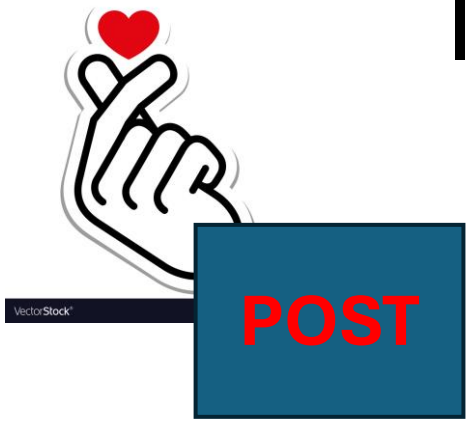
Hi, how are you?

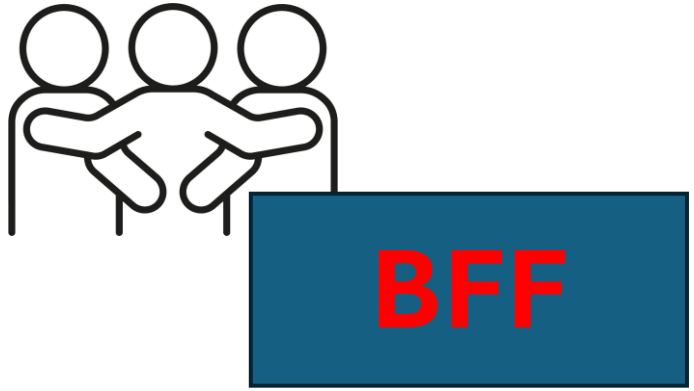
WALA LANG.....

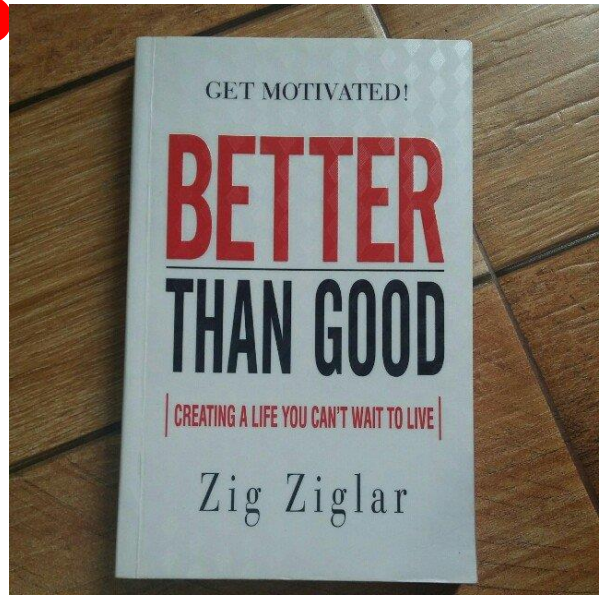
FINE, **HOW ABOUT YOU?**

ITS OK, **About YOU?**

GOOD! **And YOU?**







The Traces of Talent "How can you identify your own talents"?

First, If you want to reveal your talents, monitor your ***SPONTANEOUS, TOP-OF-MIND REACTIONS*** to the situations you encounter.

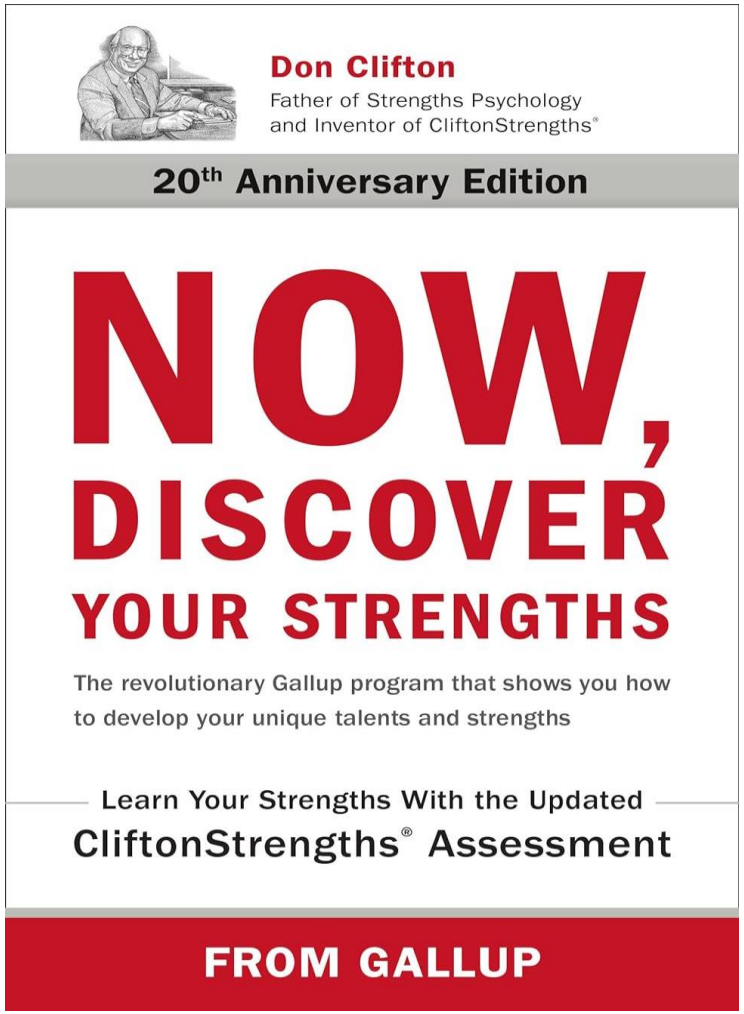
These ***TOP-OF-MIND*** reactions provide the best trace of your talents. They reveal the location of strong mental connections.

Yearnings (a feeling of intense longing for something.) reveal the presence of a talent, particularly when they are felt early life.

Rapid learning offers another trace of talent.

Satisfactions provide the last clue of talent.

Spontaneous reactions, yearning, rapid learning, and satisfactions will all help you detect the traces of your talents. As you rush through your busy life, try to step back, quiet the wind whipping past your ears, and listen for these clues. They will help you zero on your talents

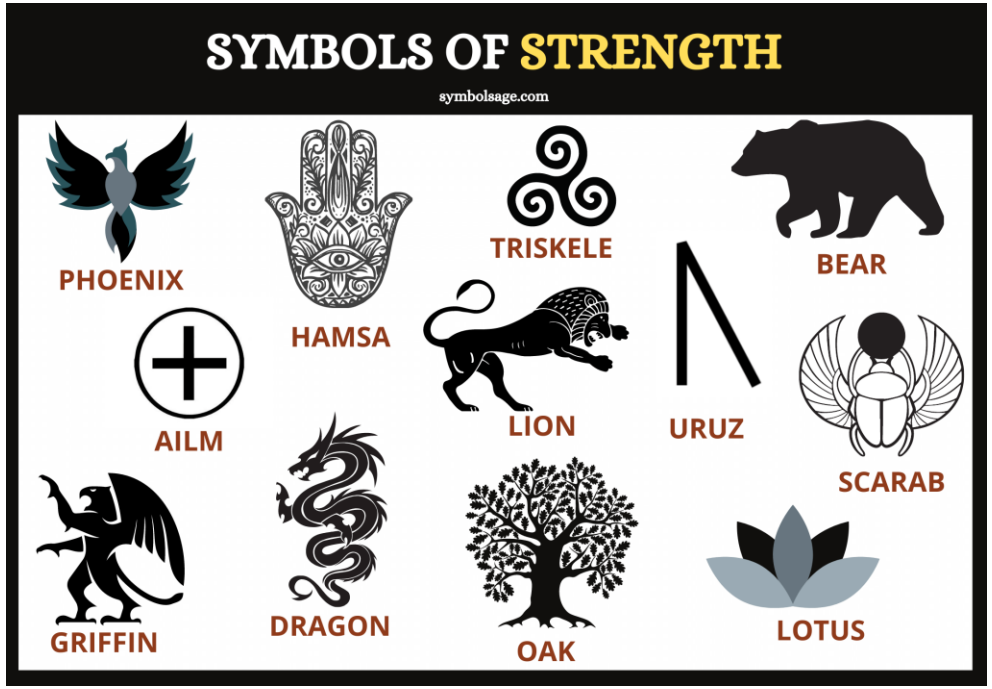

Don Clifton
Father of Strengths Psychology
and Inventor of CliftonStrengths®
20th Anniversary Edition
NOW, DISCOVER YOUR STRENGTHS
The revolutionary Gallup program that shows you how to develop your unique talents and strengths
Learn Your Strengths With the Updated
CliftonStrengths® Assessment
FROM GALLUP

According to the book, there are 34 themes of strengths Finder….

- Achiever – tagumpay
- Activator – tagapag -buhay
- Adaptability - kakayahang-umangkop
- Analytical – pag aralan
- Arranger – Arrange-taga-ayos
- Belief – paniniwala
- Command – utos
- Communication – communicate – makipag usap
- Competition – Compete – makipag kumpensya
- Connectedness – konekta
- Context – contextualize - isakonteksto
- Deliberate – Deliberate - Sinadya
- Developer – Develop - paunlarin
- Discipline – disiplina
- Empathy - empatiya
- Fairness – pagkamatarungan
- Focus - tampulan
- Futuristic – hinaharap
- Harmony - pagkakaisa
- Ideation - Ideya

According to the book, there are 34 themes of strengths Finder….

- Inclusiveness – pagiging inklusibo
- Individualization - pagsosolo
- Input - na
- Intellection - intellect
- Learner - Learn
- Maximizer – nasussulit
- Positivity - positibo
- Relator - relate
- Responsibility - responsible
- Restorative - restorer
- Self-assurance – self assured
- Significance - signify
- Strategic - strategist
- Woo



What is Career Planning?

Career planning is a fundamental process that helps individuals chart their professional journey and achieve their career goals, it assesses one's skill, interest, and aspirations to make informed decision about education, training, and career choices.

Revealing Career Growth and Success by Embracing Continuous Engineering Professional Development (Objectives)

In this presentation we will delve into the significance of skill development in career planning, exploring how enhancing skills can open doors to new opportunities and create a competitive edge in the job market.

Its OUTCOMES……

Through lifelong learning enables professionals to adapt to changing circumstances and seize new opportunities throughout YOUR careers such as

1. Sets skill development goals.
2. Embrace technology for skill development.
3. Leverage personal development goal.
4. Emphasize soft skills for career growth
5. Seek Mentorship and guidance.

Contents

1. Principle of career planning and progression
2. Importance of professional development
3. The role of Philippine Qualification Framework in the global competitiveness of the EE practitioners

	Professional Regulation Commission
	INSTRUCTIONAL DESIGN

CPD COUNCIL OF/FOR ELECTRICAL ENGINEERING

PROGRAM TITLE: **Revealing Career Growth and Success by Embracing Continuous Engineering Professional Development**

PROGRAM DESCRIPTION: In this presentation we will delve into the significance of skill development in career planning, exploring how enhancing skills can open doors to new opportunities and create a competitive edge in the job market.

PROGRAM OBJECTIVES/LEARNING OUTCOMES:

Specific Objectives of the Program	Learning Outcomes per Topic	Topics To Be Discussed / Resource Person[1]	Time Allotment for Each Topic	Teaching Methods and Aids Needed for Each Topic	Evaluation Method or Tools to Be Used to Measure the Program Objectives[2]
Career Development refers to a life-long process of managing learning, work, and transitions to move toward a personally determined and evolving preferred future. Some people assuredly develop ability to manage their careers in a meaningful way, but others need assistance, especially as the rate of economic, occupational, and social change escalates. For appropriate assistance to be available, policy makers and service providers need the basic knowledge, skills, and attitudes that are inherent in helping people develop meaningful lifelong learning plans that interface with their career paths. People's careers develop over time regardless of whether they are planful about the process or leave it to chance. People are more likely to acquire meaningful and satisfying work if they are planful about the opportunities they pursue and the education and training they take. When people have a vision for what they want to do with their lives, they tend to be more focused, better able to spot opportunities, and be more persistent in pursuit of those opportunities.	Through lifelong learning enables professionals to adapt to changing circumstances and seize new opportunities throughout YOUR careers such as 1. Sets skill development goals. 2. Embrace technology for skill development. 3. Leverage personal development goal. 4. Emphasize soft skills for career growth. 5. Seek Mentorship and guidance.	1. Principles of Career Planning and Progression. 2. Importance of Professional Development. 3. The role of the Philippines Qualification Framework in the Global competitiveness of the EE practitioners	**1 Hours**	Power Point Presentation	(Evaluation/Feedback from Participants)

[1]Attach Program of Activities and [2] Attach Evaluation Tool. Resume of Resource Person

REMARKS: ***(SEE ATTACHED TOPIC ABSTRACT/OUTLINE FOR MORE DETAILS)***

Prepared by: **ENGR. LYNDON R. BAGUE** Date: February 12, 2024

TO BE DETERMINED BY THE CPD COUNCIL:

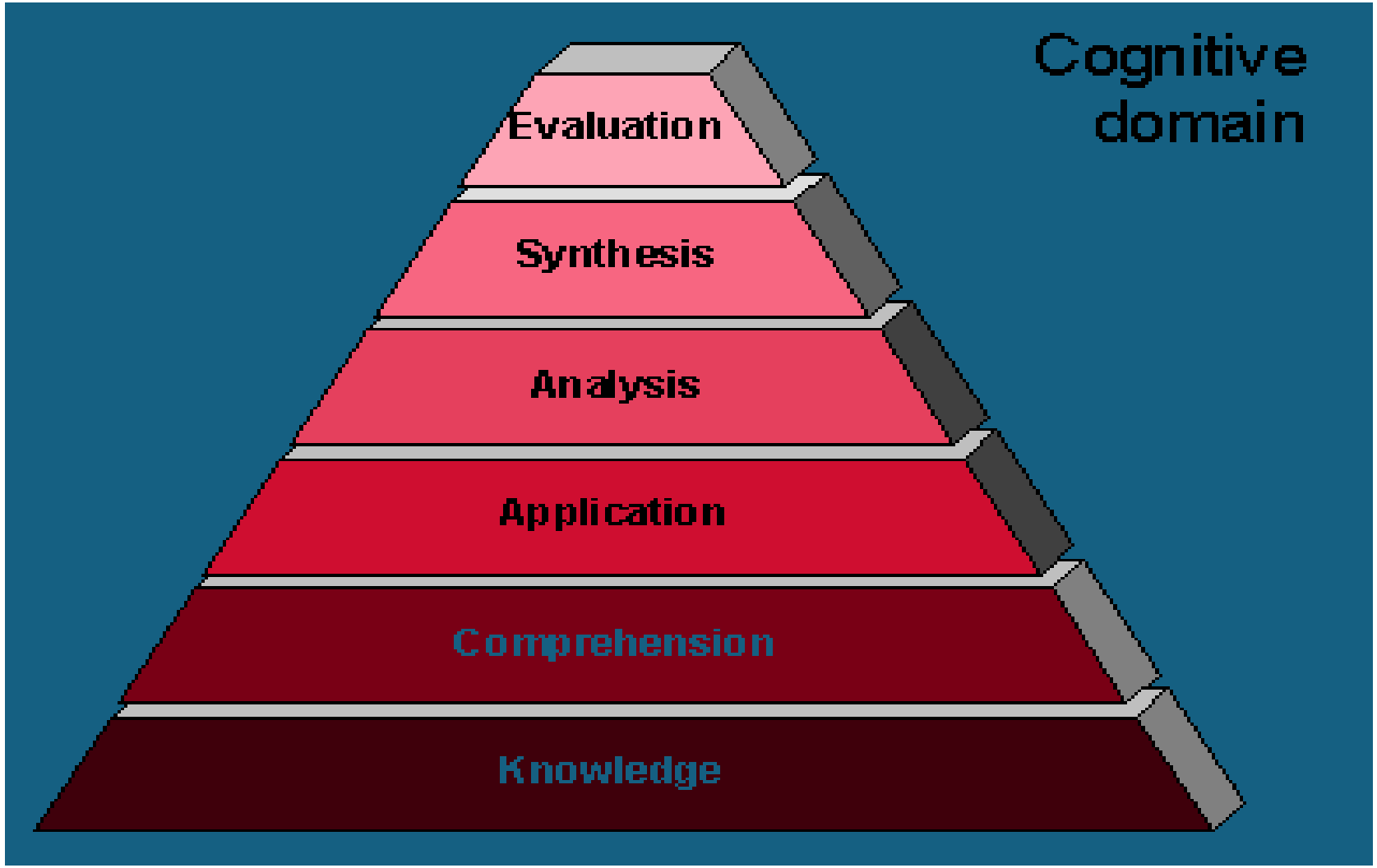
I. PROGRAM LEVEL: ☐ BASIC ☐ ADVANCED ☐ HIGHLY ADVANCED

II. APPROVED CREDIT UNITS: _____

Competencies/Attributes

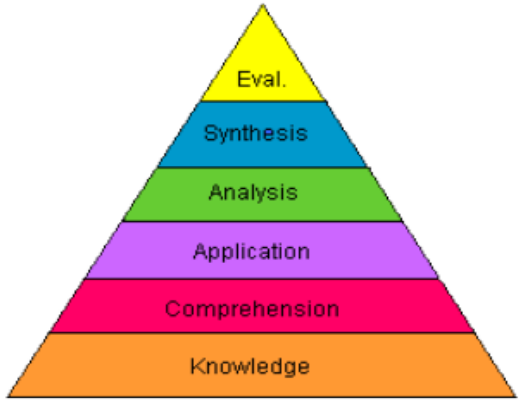
- PEE – Highly Advanced Engineering Problems
- REE – Advanced Complex Engineering Problems
- BSEE – Complex Engineering Problems
- Technologist – Broaden and coherent Engineering Problem
  - Defined and applied Engineering Procedure, processes, system and methodologies
- RME/Technician/Electrician – wide practical procedures and practices
- STUDENTS – Understand Engineering and Technology practices in the industry

Bloom's Taxonomy (Bloom, 1956)



Bloom's Revised Taxonomy

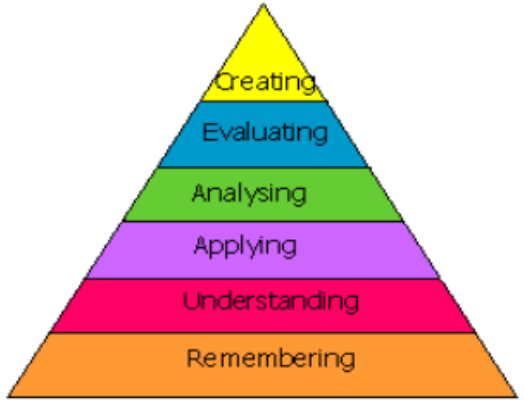
Traditional Taxonomy



In 1956, Benjamin Bloom headed a group of educational psychologists who developed a classification of levels of intellectual behavior important in learning. During the 1990's a new group of cognitive psychologist, lead by Lorin Anderson (a former student of Bloom's), updated the taxonomy reflecting relevance to 21st century work. The graphic is a representation of the NEW verbiage associated with the long familiar Bloom's Taxonomy. Note the change from Nouns to Verbs to describe the different levels of the taxonomy.

Note that the top two levels are essentially exchanged from the Old to the New version.

Revised Taxonomy

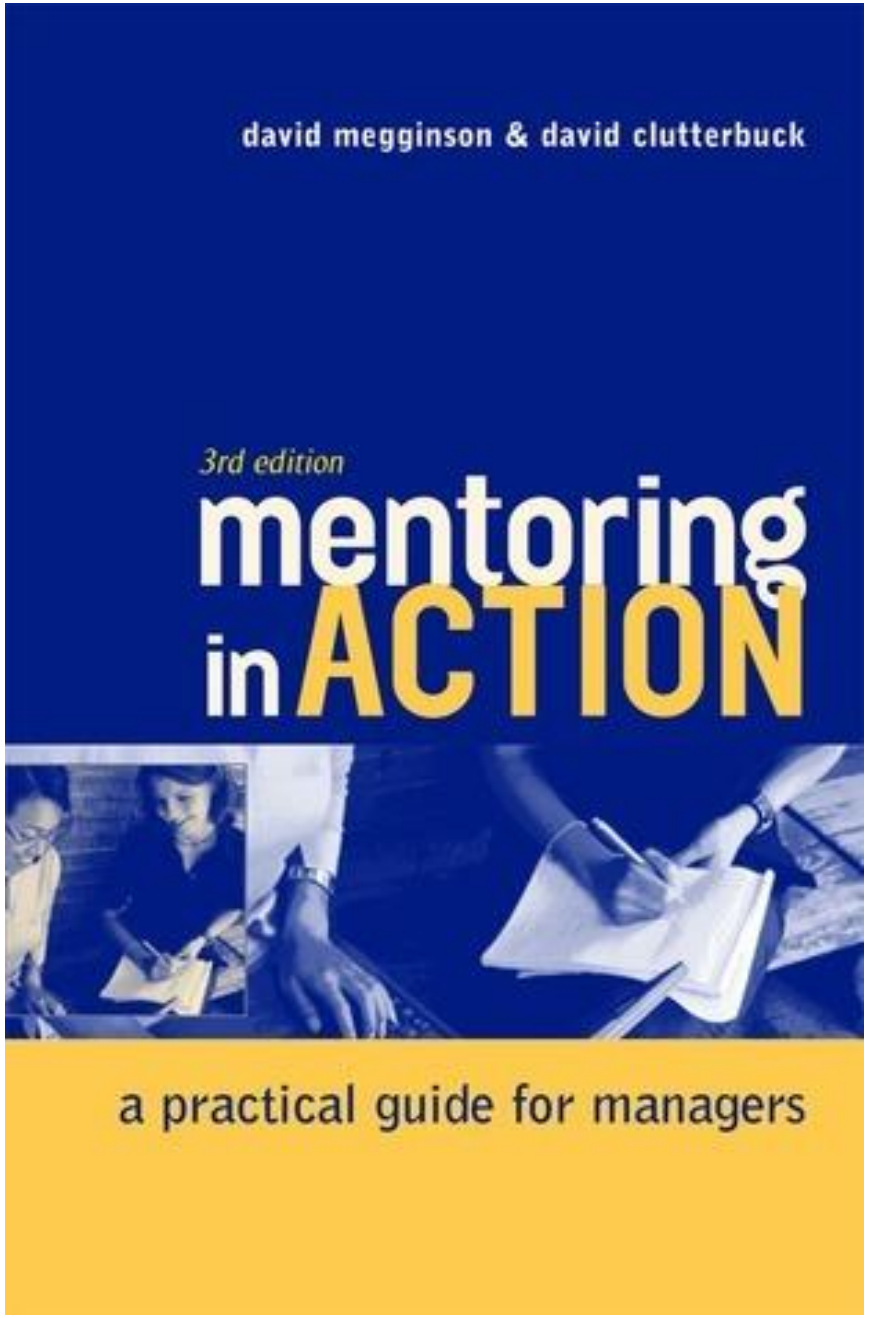


Remembering: can the student recall or remember the information?	define, duplicate, list, memorize, recall, repeat, reproduce, state, recognizing, listing, describing, identifying, retrieving, naming, locating, finding, bullet pointing, highlighting, bookmarking, social networking, social bookmarking, favoriting/local bookmarking, searching & googling.
Understanding: can the student explain ideas or concepts?	classify, describe, discuss, explain, identify, locate, recognize, report, select, translate, paraphrase, interpreting, summarizing, inferring, paraphrasing, classifying, comparing, explaining, exemplifying, advanced searches, Boolean searches, blog journaling, twittering, categorizing, tagging, commenting, annotating & subscribing.
Applying: can the student use the information in a new way?	choose, demonstrate, dramatize, employ, illustrate, interpret, operate, schedule, sketch, solve, use, write, implementing, carrying out, using, executing, running, loading, playing, operating, hacking, uploading, sharing & editing.
Analyzing: can the student distinguish between the different parts?	appraise, compare, contrast, criticize, differentiate, discriminate, distinguish, examine, experiment, question, test, comparing, organizing, deconstructing, attributing, outlining, finding, structuring, integrating, mashing, linking, validating, reverse engineering & cracking.
Evaluating: can the student justify a stand or decision?	appraise, argue, defend, judge, select, support, value, evaluate, checking, hypothesizing, critiquing, experimenting, judging, testing, detecting, monitoring, blog commenting/critiquing, reviewing, posting, moderating, collaborating, networking, refactoring & testing.
Creating: can the student create new product or point of view?	assemble, construct, create, design, develop, formulate, write., designing, constructing, planning, producing, inventing, devising, making, programming, filming, animating, blogging video blogging, mixing, re-mixing, wiki-ing, publishing, video casting, podcasting, directing & broadcasting

Richard C. Overbaugh & Lynn Schultz, Old Dominion University http://www.odu.edu/educ/roverbau/Bloom/blooms_taxonomy.htm

Mentoring is "OFF-LINE HELP by one person to another in making significant transitions in knowledge, work or thinking.

MENTORS is often more senior or experienced that the learner, but there are also cases of peer mentoring that work very successfully



What is professional development?

- Gaining new skills through continuing education and career training sessions/mentoring programs after entering the workforce.
- Taking classes or workshops, attending professional or industry conferences/convention, or earning certificates to expand your knowledge in your chosen fields.

Why is professional Development important?

1. It has the potential to open opportunities for career advancement, such as promotions.
2. It can assist you in honing existing skills and in learning new ones.
3. It can also help you stand out in a pool of applicants; showing that you have completed professional development programs or additional industry certifications on your curriculum vitae can go a long way in showing your expertise in your field.

Benefits of Professional Development for Employers: Higher productivity and job satisfaction

- High Retention Rates – Businesses should offer professional development opportunities to their employees to improve potential turnover (confidence, satisfaction, performance, productivity, and overall morale) – attract better talent.
- Help Employees stay up to date with industry trends to keep skills sharp – agile leadership for hybrid work and innovation strategy.

Benefits of Professional Development for Employees – aside from gaining confidence in your abilities to build potential advancement, professional development offers employees many benefits for not only career, but your personal goals as well.

- Learn new skills – you may hone both hard and soft skills in your work.
- Hard skills – job specific knowledge
- Soft skills – effective communications, skills that contribute to emotional intelligence.

Benefits of Professional Development for Employees

- Develop leadership skills – professional development can encourage you to put your hand up for leadership opportunities you may have sought out otherwise.
- Build your network – provide many opportunities for networking, meet new people within their industry and make new connections.
- Advance in your career – can also boost your earning potential by increasing your value through obtaining credential, certifications and designations

Where to take professional Development Courses – CPD?

PROFESSIONAL REGULATORY
BOARD OF ELECTRICAL ENGINEERING

S. No. 2581
H. No. 6423

Republic of the Philippines
Congress of the Philippines
Metro Manila

Sixteenth Congress

Third Regular Session

Begun and held in Metro Manila, on Monday, the twenty-seventh day of July, two thousand fifteen.

[REPUBLIC ACT NO. **10912**]

AN ACT MANDATING AND STRENGTHENING THE CONTINUING PROFESSIONAL DEVELOPMENT PROGRAM FOR ALL REGULATED PROFESSIONS, CREATING THE CONTINUING PROFESSIONAL DEVELOPMENT COUNCIL, AND APPROPRIATING FUNDS THEREFOR, AND FOR OTHER RELATED PURPOSES

Be it enacted by the Senate and House of Representatives of the Philippines in Congress assembled:

Senate Bill No. 2581, which was approved by the Senate on August 3, 2015, was adopted as an amendment to House Bill No. 6423 by the House of Representatives on May 23, 2016.

MARILYN B. BARUA-YAP
Secretary General
House of Representatives

OSCAR G. YABES
Secretary of the Senate

Approved:

BENIGNO S. AQUINO III
President of the Philippines

Lapsed into law on JUL 21 2016
Without the signature of the President
In accordance with Article VI, Section 27 (1) of the Constitution.

PROFESSIONAL REGULATORY
BOARD OF ELECTRICAL ENGINEERING

Republic of the Philippines
Professional Regulation Commission
Manila

PROFESSIONAL REGULATION COMMISSION
Resolution No. 1032
Series of 2017

IMPLEMENTING RULES AND REGULATIONS (IRR) OF REPUBLIC ACT NO. 10912, known as the "CONTINUING PROFESSIONAL DEVELOPMENT (CPD) ACT OF 2016"

Pursuant to Section 15 of Article IV of Republic Act No. 10912 known as the "Continuing Professional Development Act", the Professional Regulation Commission (PRC) and the Professional Regulatory Boards (PRB), in consultation with the CPD Councils and their stakeholders, hereby adopt and promulgate this Implementing Rules and Regulations to carry out the provisions of Republic Act No. 10912.

Done in this 15th day of February 2017 in the Manila, Philippines.

TEOFILO S. PILANDO, JR.
Chairman

ANGELINE T. CHUA CHIACO
Commissioner

YOLANDA D. REYES
Commissioner

O-OCH/O-OCI/O-OCII/D-LID/CPD-PMC/D-SID/CPD
TSP/ATCC/YDR/ELR/GBS/MLMH/MERAQ/ardm

DATE OF PUBLICATION IN THE OFFICIAL GAZETTE: 2-28-17
DATE OF EFFECTIVITY: 3-15-17

Setting Educational and Career Goals

1. Knowledge Race – lifelong learnings
2. Skill maintenance and acquisition – being able to adapt to the moving target of jobs skills and requirements.
3. Upward mobility – shows the solid high-level skills and knowledge needed to perfume the job.
4. Job Security – maintain cutting edge high-level skills and knowledge of your career.
5. Employee and Corporate Benefits – a corporation comprised of high producing teams increases the company's marketability.
6. Increased salary – advanced degree and continuing development comes with high salary packages.

Republic of the Philippines
Professional Regulation Commission
Manila

PROFESSIONAL REGULATORY BOARD OF ELECTRICAL ENGINEERING
Resolution No. ___
Series of 2017

OPERATIONAL GUIDELINES IN THE IMPLEMENTATION OF RA 10912, OTHERWISE KNOWN AS "CONTINUING PROFESSIONAL DEVELOPMENT ACT OF 2016" FOR ELECTRICAL ENGINEERS

Let copies hereof be furnished to the U.P. Law Center, Board, CPD Council, Office of the Board Secretary, Standards and Inspection Division, Legal and Investigation Division, all Regional Offices and other involved units of the Commission for their guidance.

Done in the City of Manila,this _____ day of _____, 2017.

ENGR. FRANCIS V. MAPILE
Chairman, PRBEE

ENGR. JAIME V. MENDOZA
Member, PRBEE

Attested to:

RESOLUTION NO. ____
SERIES OF 2017
OPERATIONAL PROTOCOL IN THE IMPLEMENTATION OF RA 10912 OTHERWISE KNOWN AS
"CONTINUING PROFESSIONAL DEVELOPMENT ACT OF 2016" FOR ELECTRICAL PRACTITIONERS

APPROVED BY:

TEOFILO S. PILANDO, JR.
Chairman

ANGELINE T. CHUA CHIACO
Commissioner

YOLANDA D. REYES
Commissioner

RA 10912 – New CPD Law

ARTICLE I.
Title, Policy and Definition of terms

- Section 1-2. Title and Declaration of Policy
- Section 3. Definition of Terms
  Sec3(a)- Sec3(w)

ARTICLE II.
CPD Programs, Council and Secretariat

- Section 4. Strengthening the CPD Programs
  Sec4(a)- Sec4(e)
- Section 5.
  Nature of CPD Programs
  5(a) Formal Learning
  5(b) Non-Formal Learning
  5(c) Informal Learning
  5(d) Self-directed learning
  5(e) On Line learning activities
  5(f) Professional work experience

- Section 6. Powers, Functions and Responsibilities of the PRC and PRBs
  Sec6(a)- Sec6(e)
- Section 7. CPD Council
- Section 8. Powers, Functions and Responsibilities of the CPD Council
  Sec8(a)- Sec8(h)
- Section 9. Secretariat

ARTICLE III.
CPD Program Implementation and Monitoring

- Section 10. CPD as Mandatory Requirement in the Renewal of Professional License and Accreditation System for the Practice of Professions.
- Section 11 Recognition of Credit Units.
- Section 12. Career Progression and Specialization
- Section 13. Role of Concerned Govt. Agencies and the Private Sector,

ARTICLE IV.
Final Provision.

- Section 14. Funding
- Section 15. Implementing Rules and Regulations
- Section 16. Fraud Relating to CPD
- Section 17. Separability Clause
- Section 18. Repealing Clause
- Section 19. Effectivity

SEC. 5. *Nature of CPD Programs*. – The CPD Programs consist of activities that range from structured to non-structured activities, which have learning processes and outcomes.

A. Formal learning –

- refers to educational arrangements such as curricular qualifications and teaching-learning requirements that take place in education and training institutions recognized by relevant national authorities, and which lead to diplomas and qualifications;

B. Non-formal learning –

- refers to learning that has been acquired in addition or alternatively to formal learning, which may be structured and made more flexible according to educational and training arrangements;

SEC. 5. *Nature of CPD Programs.* – The CPD Programs consist of activities that range from structured to non-structured activities, which have learning processes and outcomes.

C. **Informal learning** –

refers to learning that occurs in daily life assessed, through the recognition, validation and accreditation process, and which can contribute to a qualification;

D. **Self-directed learning** –

refers to learning activities such as online training, local/international seminars/ non-degree courses, institutions /company-sponsored training programs, and the like, which did not undergo CPD accreditation but may be applied for and awarded CPD units by the respective CPD Council

SEC. 5. *Nature of CPD Programs*. – The CPD Programs consist of activities that range from structured to non-structured activities, which have learning processes and outcomes.

E. **Online learning activities** -

refer to structured or unstructured learning initiatives, which make use of the internet and other web-based Information and Communications Technology solutions;

F. **Professional work experience**.

Difference between……

- *Occupation* – refers to the profession that is followed by person. Say Teaching, medicine, engineering, writer (blue – white – red)
- *JOB (Joining Others Business)* – as the piece of the task, work, or project that is going to be done or has been done by a human being within a certain time.
- *Career* – refers to an individual's chosen occupation or profession, specially one requiring special training, followed as one's lifework. Career can include one or many jobs throughout your lifetime and the action, decisions, and paths you take to develop in your profession.
- *Profession* – an occupation that requires specialized knowledge and often advanced education

Item No.	Inclusive Dates	Company / Job Description
1	July 29, 1991-present	**TUP- Manila** ***Associate Professor V – Faculty Member Electrical Engineering Department, College of Engineering.*** • Adhere to a responsible pattern of conduct and demeanor expected of them by the University/community. • **Teaching:** Teaching activities include classroom instruction, directing projects, assisting with student research and internships. Classroom instruction may be undergraduate and/or graduate lecture/seminar courses in the field of Electrical Engineering or specify which courses and the general content. • Mentor and advise students on their development, including choices relating to academic programs, research projects and career directions. • Participate in the development/design and revision of curriculum offered. • **Research/Scholarly Work**: Seek to make professional growth continuous through study and research. • Pursue scholarly research and publication, and/or professional practice in teaching emphasis. • Maintain a program of research/scholarly work characterized by distinction as evidenced by national and international recognition, significant contributions to the field. • Publish, disseminate in peer-reviewed journals, and/or present at conferences or symposiums the results of research/scholarly work. • **Service:** Co-operate and assist in carrying out functions relating to the educational responsibilities of the college and the university such as: assisting in appraising applications for admission, advising and counselling students as well as assisting the conduct of university and college examinations, including supervision, invigilation, and evaluation • **Extension**: Participate in extension, co-curricular and extra-curricular activities including community service

2022-Present	***Director, Quality Assurance and Accreditation Coordinating Service Office.*** A. **to coordinate** the gathering of the data, requirements and resources and documents relevant to the ISO certification, Asian Na World Ranking, and to the Quality Management System of the University. B. **to prepare and conduct** ISO awareness programs for the information of all the constituents of the University to prepare the ground for full understanding of the importance of the ISO Certification and to assure the full cooperation of all the constituents for the achievement of this objective. C. **to plan and implement** the internal assessment of the activities, processes and resources in the various units and Campuses through their QAACSO in accordance with the standard quality objectives as may be required by the Performance-Based Bonus and the SUC Levelling such as the Office Performance Commitment Review and the Individual Performance Commitment Review, the standard operating procedures to ensure the quality, efficiency, and timeliness of the services, and the implementation of the standard documents and templates that are used for efficient operations such as class records, modules, and other relevant documents, for the purpose of improving on the University's accreditation status, service, and for the leveling of the University in general; D. **to oversee, conduct and supervise** the process of self-survey prior to the actual accreditation process by the accrediting agency, and to lead the team that will coordinate the visit, lead in the preparation of the programs, and to assist the accrediting teams in their visit. E. **to lead** in the discussions of the results of the evaluation with the President, the Vice Presidents, and the Campus Directors in case of the Campuses and to constantly monitor recommendations the implementation of the viable recommendations of the accreditors particularly the problems, issues, needs, recognized strengths, productive activities, commendable programs, and other vital concerns revealed in the self-assessment and internal audit, and in accreditation. F. to perform such other duties and functions which may be assigned by higher authorities from time to time.	• Accreditation of Academic Programs from CHED, TESDA, DOST, AACCUP, ISO and other local and international accrediting agency

Designations:

- Electrical Engineering Department Head
- Engineering College Secretary
- Engineering Graduate Program Coordinator
- Dean, College of Engineering
- Director, ETEEAP
- Director, Alumni Affairs
- Director, Auxiliary Services
- Director, Quality Assurance and Accreditation
- Vice-President Planning, Development and Special Concerns

PROGRAM/ACTIVITY		CREDIT UNITS	SUPPORTING DOCUMENTS
PROFESSIONAL TRACK - Accredited CPD PROVIDER with approved CPD PROGRAM by CPDC **Applicant for PIC renewal must apply 30 days before PIC expiration date**			
1.1	PARTICIPANT	Approved CUs for the program	○ Certificate of Attendance and CPD program accreditation number.
1.2	RESOURCE SPEAKER	5 CUs per hour	○ Certificate or Plaque of Appreciation ○ Copy of Papers/ Presentations ○ Copy of Program ○ Invitation & Confirmation letter ○ Event Photo of Speaker
1.3	PANELIST/ REACTOR	3 CU per hour	○ Certificate or Plaque of Appreciation ○ Copy of Program ○ Invitation & Confirmation letter ○ Event Photo of Panelist
1.4	FACILITATOR/ MODERATOR	2 CU per hour	○ Certification from the accredited CPD Provider ○ Copy of Program ○ Event Photo of Facilitator
1.5	MONITOR	Twice the number of approved CUs for participant of the program	○ Monitoring Report ○ Certificate of Appearance signed by CPD Provider ○ Authority to Monitor from PRC ○ Event Photos

	LOCAL CONVENTION/ INTERNATIONAL CONFERENCE HELD IN THE PHILIPPINES		same as 1.1 to 1.5	○ same as 1.1 to 1.5
.7	INTERNATIONAL CONVENTION/ CONFERENCE/ TRAINING SEMINARS HELD ABROAD	Required to meet the following conditions to qualify: 1. APO of host country or Professional organization is a member of other organizations. 2. Has CPD accreditation program and approved CPD CUs by APO of host country		• if participant, copy of the following: official receipt of registration, conference ID, and Certificate of Attendance • If speaker or panelist, copy of the following: papers, invitation and confirmation letters, conference ID and Cert. or Plaque of Appreciation. • Copy of program, seminars, schedule or calendar of events • Learning Objectives or Outcome • Travel documents, boarding pass and proof of accommodation. • Event Photos or video
		If speaker or panelist – X 1.5 of CU per hour indicated in Items 1.2 to 1.3	If delegate or participant – as per CU indicated in the certificate (invalid if no CU indicated)	•
1.7.1	INTERNATIONAL / LOCAL ON-LINE COURSES	conditions to qualify: 1. Courses are accredited and approved by the APO of host country. 2. Has CPD accreditation program and approved CPD CUs by APO of host country		• Copy of online registration and confirmation • Proof of payment or transaction receipt • Certificate of completion of online courses with corresponding CUs • Learning objectives or outcome • Other supporting documents as requested by CPDC.

2. ACADEMIC TRACK – SELF-DIRECTED **(Apply by the professional and pay fees with PRC; must apply at least 45 days before PIC expiration date)**			
2.1	**Post Graduate Diploma**	**25 CU upon completion of program**	○ **Diploma/Certification from the Institution** ○ **Transcript of Records**
2.2	**Masteral Degree or Equivalent**	**45 CU upon completion of degree**	○ **University Certification/Diploma** ○ **Transcript of Records**
2.3	**Doctoral Degree or Equivalent**	**90 CU upon completion of degree/candidacy**	○ **University Certification/Diploma** ○ **Transcript of Records**
2.4	**Post-Doctoral Associate**	**4 CU upon completion**	○ **Certification from the granting institution**
2.5	**Post-Doctoral Fellow**		
2.5.1	**Teaching Fellow**	**4 CU upon completion**	○ **Certification from the granting institution**
2.5.2	**Research Fellow**	**6 CU upon completion**	
2.6	**Professorial Chair**	**15 CU per year or a fraction thereof**	○ **Certificate of Grant or Appointment Letter**
2.7	**Specialty Program**	**10 CU per year or a fraction thereof** **(to be evaluated by CPDC)**	○ **Certificate of Completion** ○ **Copy printout of program**
2.8	**Distance Learning Module or MOOC**		
2.9	**Design Analysis Software, Power System Analysis Software, CAD, BIM, Electrical Engineering Software and other relevant Engineering Software**	**2 CU upon completion of each program**	○ **Certificate of Completion** ○ **Enrollment or registration papers**
2.10	**Industry immersion**	**2 Cu per program**	➢ **Certificate of completion/participation** ➢ **Immersion program** ➢ **Description of the program**

3. OTHER SELF-DIRECTED and/or LIFELONG LEARNING ACTIVITIES (Apply by the professional and pay fees with PRC; must apply at least 60 days before PIC expiration date)						
3.1	Training Module for Professionals (e.g. Authorship of Module)		10 CU per complete set of Training Module			○ Copy of Complete Training Module ○ Evaluation report by expert(s) ○ Proof and documentation of the conduct of training module ○ Training module must be within the compliance period-show proof, date ○ Certificate of acceptance of the training module
3.2	Professional Journal (PJ) or Scholarly Journal (SJ)					
3.2.1	Author/s		Local Max 10 CU	International Max 15 CU		○ Copy of Published Article or Journal ○ Table of Contents ○ For multiple authors, show proof and listing ○ Publication must be within the compliance period for item 3.0
			For multiple authors, divide CU equally among them.			
3.2.2	Peer Reviewer		2 CU per article			○ Copy of reviewed article ○ Peer review report
3.2.3	PJ or SJ Editor		5 CU per issue			○ Copy of Published Journal
3.2.4	Panel of Experts/ Technical Committee/ Stakeholders Consultation		2 CU per engagement			○ Invitation ○ Certificate of completion and participation
3.3	Pamphlet/Book or Monograph					
3.3.1	Author/s	20 CU for single Author of a Pamphlet (less than 100 pages)	45 CU for single Author of a book (more than 100 pages)			○ Copy of Published Book/Pamphlet ○ For multiple authors, show proof and listing ○ Publication must be within the compliance period for item 3.0
		For multiple authors, divide CU equally among them				
3.3.2	Editor	20 CU for less than 100 pages	45 CU for more than 100 pages			○ Copy of Published Book

3.4	Author of Newspaper/Magazine Article or Column	Local – 2 CU per article	Int'l – 3 CU per article	○ Proof of Publication of Article or Column ○ For multiple authors, show proof and listing
		(For multiple authors, divide equally among them)		
3.4.1	Electrical Engineering work featured in a major Engineering publication/magazine/document or in a video	10 CU per feature		○ Proof of Publication featuring work or engineer ○ Copy of publication video ○ Publication must be within the compliance period for item 3.0 – must show proof and date ○ Present proof and listing for multiple engineers featured
		For multiple engineers involved, CU shall be equally divided among them		
3.4.2	Electrical engineer(s) featured in magazine, radio, TV, digital media, and publication	1 CU per feature Max of 2 CU per year		
		For multiple engineers featured, CU shall be equally divided among them		

3.5	Inventions, Patents, Copyrights	Max of 45 CU per invention (as per CPDC evaluation)	○ Certified Copy of Patent Certificate ○ Proof and Photo of Invention
3.6	Tours, Travels, Visits, Fairs, and Exhibits		
3.6.1	Museum Visit	1 CU per visit Local – Max 2 CU/cycle Foreign – Max 6 CU/cycle	○ Travel documents, boarding pass, or Proof of Travel, as necessary ○ Proof as Visitor or Attendance (Entrance Tickets), IDs ○ Evaluation Report on Learning Objectives (250-500 words) ○ No repeat visit per cycle ○ Photos or Video of Visit
3.6.2	Design, Construction, Trade Fairs, Exhibits	1 CU per visit Max of 3 CU/cycle	
3.6.3	Factory Visits, Field Trip (related to Electrical Engineering and Power System Engineering)	1 CU per trip/day Max 3 CU per cycle (must be accredited by CPDC)	
3.6.4	Study Tours and Visits	2 CU per day (Maximum of 10 CU/Tour) (Max 3 Study Tours/cycle)	○ Travel documents, boarding pass, or Proof of Travel ○ Certification from Sponsoring Institution or CPD Provider ○ Program Details and Itinerary ○ Evaluation Report on Learning Objectives ○ CV of Tour Resource People ○ Tour Photos or Video per day
3.6.5	Foreign Travel	1 CU per Round Trip regardless of number of days and number of countries visited Max 3 CU per year	○ Travel documents, boarding pass, Philippine Entry & Exit Stamp ○ Countries visited cannot be duplicated on a particular year ○ Travel Photos or Video

3.7	Recognition, Achievement, Professional Awards		
3.7.1	International Awardee	Full CU for two (2) compliance period	
3.7.3	Institutional Awardee (e.g. PRC Outstanding Electrical Engineer of the Year, TOP)	Full CU for two (2) compliance period	
3.7.4	Professional Organization Awardee (e.g. IIEE, and other relevant organization awards)	Full CU for one (1) compliance period	
3.7.5	Alumnus Awardee – Electrical Engineering, Electrical Technology)	Full CU for one (1) compliance period	
3.7.7	City/Provincial/Regional Awardee	To be assessed and determined by CPDC	
3.7.8	Other Awards	To be assessed and determined by CPDC	

3.8	Conferment of Titles		
3.8.1	Fellows	30 CU	
3.8.2	APEC Engineer	45 CU	
3.8.3	ASEAN Engineer	45 CU	
3.8.4	ACPE	45 CU	
3.8.5	Other International Conferment Title	45 CU	
3.9	Electrical Engineering and Design Competition		
3.9.1	National Accredited Electrical Engineering Design Competition	10 CU for finalists	
		15 CU for winner	
3.9.2	INTERNATIONAL/LOCAL Electrical Engineering Competition	15 CU for finalists	
3.9.3	Judge/Jury/Design critic in Electrical Engineering Competition	5 CU per competition Max 3 competition/cycle	

3.10	**Mentorship**		
3.10.1	**Mentor/PEE**	**2 CU per mentee** **Maximum of 10 CU per year**	➢ **Result of the PEE examination** ➢ **Attach copy of Certificate of Registration** ➢ **Notarized Affidavit signed by PEE naming nominated mentor, inclusive date of mentorship, and date of PEE** ➢ **Mentor can claim CU within two (2) years of passing PEE/** ➢ **Photo of Mentor**
3.11	**Electrical Engineering Exhibition**		
3.11.1	**Participating Electrical Practitioner in an Electrical Engineering Exhibition**	**2 CU per local exhibition** **3 CU per international exhibition** **Max 3 exhibits/cycle**	○ **Certification or plaque from organizer** ○ **Program details, schedule, venue** ○ **If partnership or corporation, submit SEC or DTI registration showing all Registered Electrical Practitioners** ○ **Photos of event**
3.12	**Others**		
3.12.1	**Socio-Civic Activities using Profession** **(must be volunteer work in design or construction, or related electrical engineering activities or works)**	**Max 10 CU per project** **(to be evaluated and determined by CPDC)** **For multiple members in a group, divide CUs equally among them** **Volunteer work must be completed to be valid.** **On-going or incomplete design or construction work will not be accepted**	○ **Certification or plaque of appreciation from affected group or organization** ○ **Project Proposal and Complete Design Program and documents** ○ **Report of activities, venues, dates** ○ **Notarized Affidavit of Undertaking signed by the Electrical Practitioner or group; if multiple members, must list all Electrical Practitioners involved**

Section 3: List of Additional requirements for accreditation for CPD Programs

- Specific course objectives stating competencies to be gained from program
- Evaluation tool specific to course objectives set
- Program of activities showing time/duration of topics/workshop
- Resume of speakers for program applied for, showing expertise in the topic; show certificate or citations (if any)
- Breakdown of expenses for the conduct of the program
- Current professional ID of speaker if registered professional; if foreigner, current special temporary permit, if applicable
- Course outline – outline of the course's sub-topic
- Learning outcomes – state what participants will learn from the event
- Course structure/materials – type of presentation and material used
- Program URL – website of the program, if any

Speaker's Profile

1. NAME OF SPEAKER WITH ID
2. HIGHEST PROFESSIONAL TITLE; CELLPHONE NUMBER
3. *EDUCATION:*
4. *AWARDS AND PUBLICATION (IF ANY):*
5. ***PROFESSIONAL DEVELOPMENT/RESEARCH/SPEAKERSHIP (REVELANT TO THE PRESENTATION)***
6. *EMPLOYMENT: DESIGNATION:*
7. ***SKILLS AND KNOWLEDGE (Competencies)***
8. *CONFERENCES/TRAINING ATTENDED (REVELANT TO THE PRESENTATION)*
9. *PROFESSIONAL ORGANIZATION MEMBERSHIP*

Certificates of Specialty for EE professions
Level 8
Identification of Specialization Program/s

Initially, there will be seven (7) tracks of Career Progression and Specialization programs to include but not limited to the following:

1. Power System Planning
2. Power System Maintenance and Operation
3. Power System Protection and Control
4. Electrical System Design and Inspection
5. Electricity Market
6. Construction and Project Management of Electrical Facilities
7. Electrical Engineering Education and Research
8. ***Safety Engineering***

Identification of Specialization Program/s – Technology Based

1. Operations Management,
2. Technical Service and Maintenance,
3. Production,
4. Routine Design,
5. Test and Evaluation,
6. Manufacturing,
7. Consulting,
8. Distribution and Sales, and
9. Technical Training on electrical system
10. Other related professions/careers/occupations

Section 7. Major Areas of CPD Activities – The CPD activities shall be divided into four (4) major areas with corresponding recommended credit units, which electrical practitioner may choose to comply, as follows:

MAJOR AREA	COVERAGE OF THE AREA
Design	• Residential and Building Establishments • Power Generation and renewable energy resources • Light and heavy Industries • Commercial Establishment • Transmission and distribution system • Substation and switching station • Institutional, Roadway Lightings, Sports Complex, • Marina, Watercraft, locomotives • Protection and coordination system • FDAS and Auxiliary systems • Industrial Complexes • Commercial Complexes

Practice	• Ethics • Business of Electrical Engineering to include but not limited to: manufacturing and processing • Standards of Professional Practice and Regulations (laws, rules, codes, PRB resolutions, issuances, contracts, etc.) • Procurement and Project delivery • Enforcement and Inspection • Firm Management • Global and Collaborative Practice • Project and Construction Management, Installations and Consulting • Building Management system and Building Information modeling • Computer-aided design • Power System Analysis • Design Analysis • Operation and Maintenance • Electricity Market • Instrumentation and measurements • Electrical Safety Management • Testing and Commissioning • Energy Audit • Energy Efficiency and conservation • Research and Development • Teaching/Lectures/Coaching/ Mentoring • Auxiliary systems • Others
Building Science	•
Environment and Sustainability	• Sustainable Structures • Disaster Resilience • Green Engineering • Renewable Energy • Building Energy Conservation • Others

CPD can only be effective when:

1. It is part of a planned process.
2. There is a clear perspective on the improvement required.
3. It is tailored individually to each professional.
4. It is taught by people who have the necessary expertise, experience, and skills.

CPD training helps professionals to:

1. Stay up to date with the latest trends and learn new skills.
2. Improve their performance at work.
3. Boost their self-confidence.
4. Enhance their professional reputation and future job prospects.
5. Obtain concrete proof of their professionalism and commitment.

Importance of continuing professional development

"Education is not the learning of facts, but the training of the mind to think" – Albert Einstein.

In conclusions:

Continuous professional development programs provide two-fold benefits — for the learner and for the employer. Let's look at the benefits of CPD for the learner:

1. Improves intellect, personal skills, and confidence.
2. Opens doors to excellent future employment opportunities.
3. Improves learning ability.
4. Promotes independent learning.
5. Demonstrates ambition and commitment to professional self-improvement.
6. Relevant practical qualifications that will impress current and prospective employers.

In conclusions:

Now, look at the benefits of CPD for the employer:

1. Sets a high standard across the company for staff development.
2. Improves productivity with the help of motivated and skilled employees.
3. Endorses a learning culture in the organization;
4. Enhances the reputation of the company among prospective employees and clients.
5. Increases employee retention.
6. Allows the company to keep up with the latest trends and changes in the industry.

2017 PHILIPPINE STANDARD CLASSIFICATION OF EDUCATION (PSCED)
REPUBLIC OF THE PHILIPPINES
PHILIPPINE STATISTICS AUTHORITY
2017 PHILIPPINE STANDARD CLASSIFICATION OF EDUCATION (PSCED)
OVERVIEW OF THE 2017 PSCED
detailed classification of all educational levels in the Philippine educational system
based on two principal criteria: 1.level of education, and 2.subject-matter content of the study
aligned with the Philippine Qualifications Framework (PQF)
patterned after the International Standard Classification of Education (ISCED) and ISCED Fields of Education and Training (ISCED-F) developed by the UNESCO
LEVELS OF EDUCATION
8 Doctoral Level Education
7 Master Level Education
6 Bachelor Level Education
5 Short-Cycle Tertiary Education
4 Post-Secondary Non-Tertiary Education
3 Upper Secondary Education
2 Lower Secondary Education
1 Primary Education
0 Early Childhood Education
ENGR. FORTUNATO C...
VPI LYNDON R. BAGUE
E
ENGR. ADELINO V. G...
EDISON MOJICA
EMMANUEL JO...
EMMANUEL JOHN A...
627
Raise Hand
Pause/Stop Recording
Leave

You are viewing ENGR. FEDERICO A. MONSADA's screen
View Options
Optimize Microphone Pick u
ENGR. FEDERICO A. ...
VPI LYNDON R. BAGUE
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EDISON MOJICA
EMMANUEL JO...
EMMANUEL JOHN A...
ENGR. FORTUNATO C...
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THE ENGINEER/ENGINEERING REGISTERS

ASEAN ENGINEERING REGISTER

- ASEAN Engineering Register
- 10 ASEAN countries
- Include Engineers, Technologists & Technicians
- Established & administered by PTC
- Since 1998

ASEAN CHARTERED PROFESSIONAL ENGINEER - PHILIPPINES

- ASEAN Chartered Professional Engineer Register
- 10 ASEAN countries
- Include Engineers only
- Administered by CHED, PRC & PTC as the NMC
- Since 2005 (MRA) but operationalized in 2013 in the country

APEC ENGINEER REGISTER – PHILIPPINES – NATIONAL MONITORING COMMITTEE

- APEC Engineer Register
- 21 APEC economies
- Include Engineers only
- Established & administered by CHED, PRC & PTC as the NMC
- Since 2000

INTERNATIONAL ENGINEERING ALLIANCE

- Int. Professional Engineer Register
- 19 Global countries/economies
- Include Engineers only
- On-going establishment
- Since 1997

APEC Engineers Register
The APEC Section PTC National Engineering Register

ASEAN Engineering Register
The ASEAN Section PTC National Engineering Register

Stop Video (Alt+V)
Stop Video
625 Participants
27 Q&A
Chat
Share Screen
Raise Hand
Pause/Stop Recording
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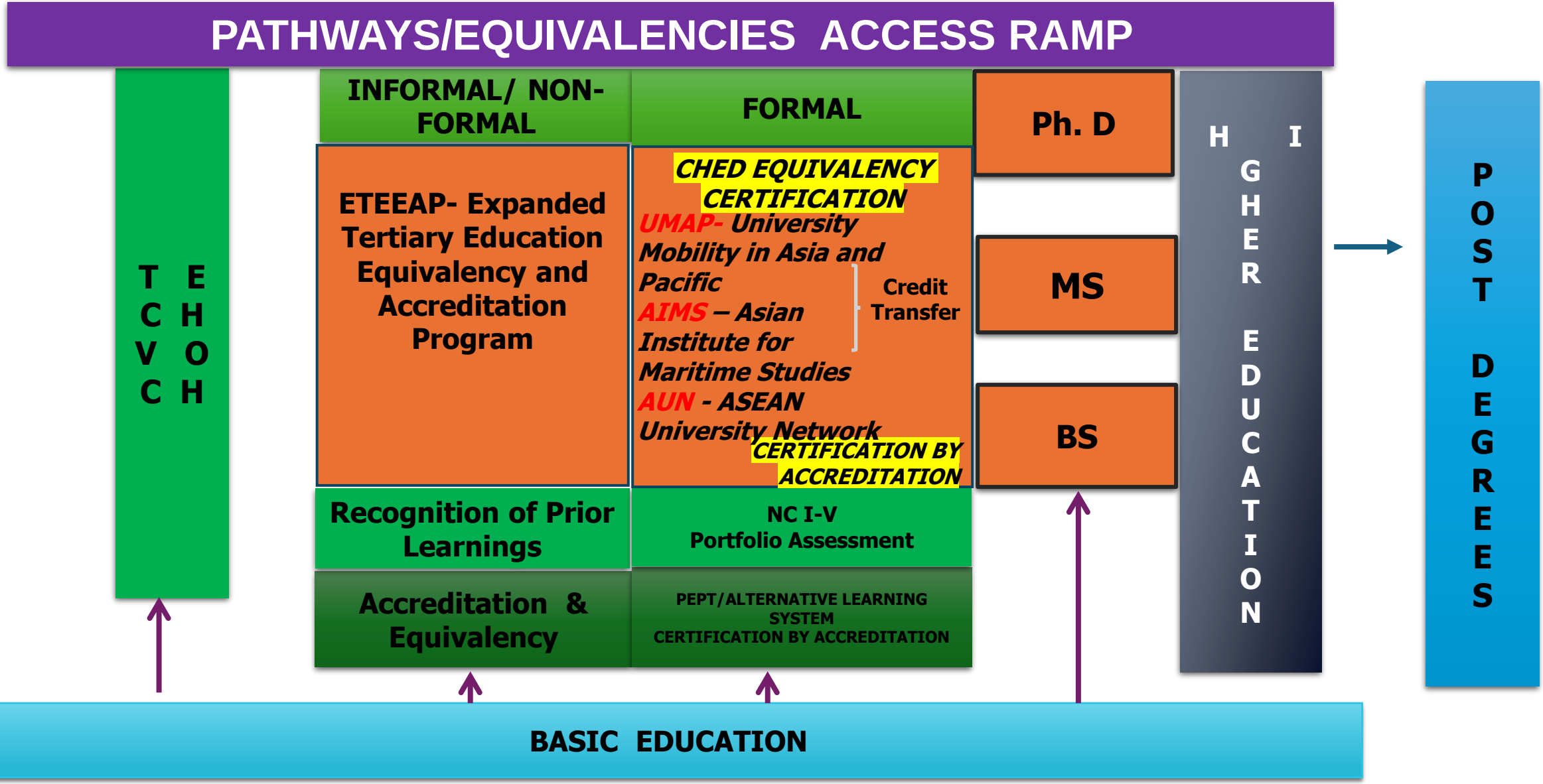
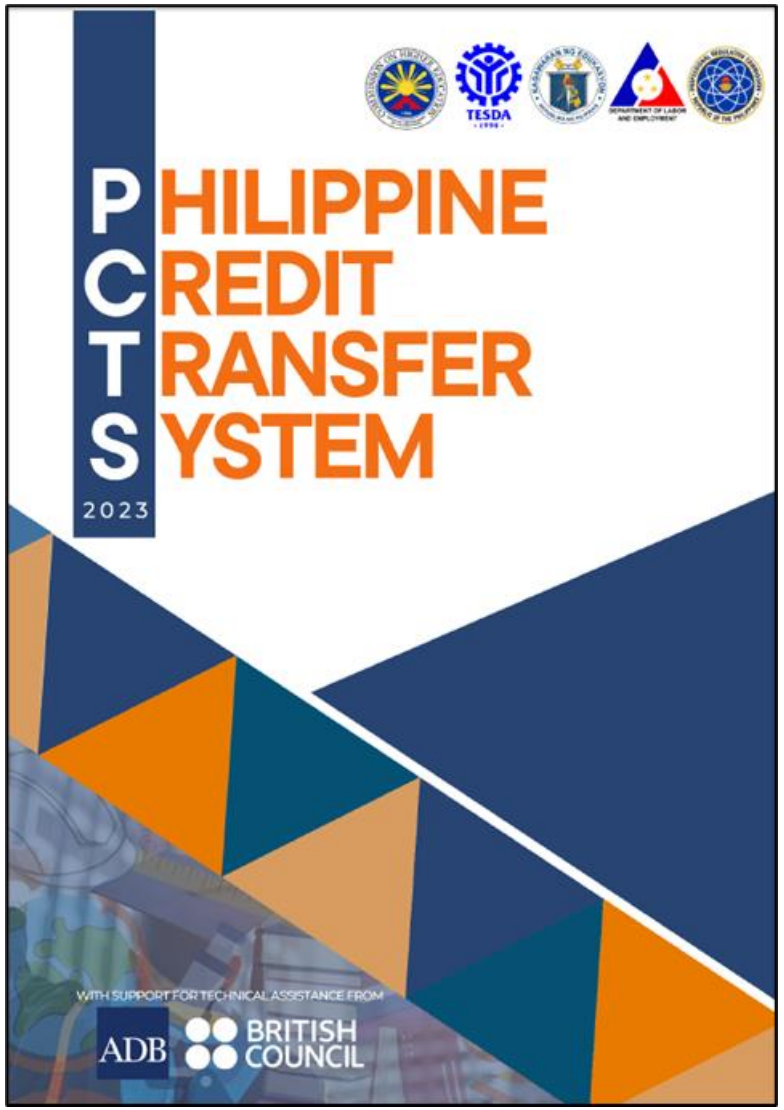
THE PHILIPPINE QUALIFICATIONS FRAMEWORK

Philippines Credit Transfer System Schematic Diagram



Contents of the PCTS 2023 Document

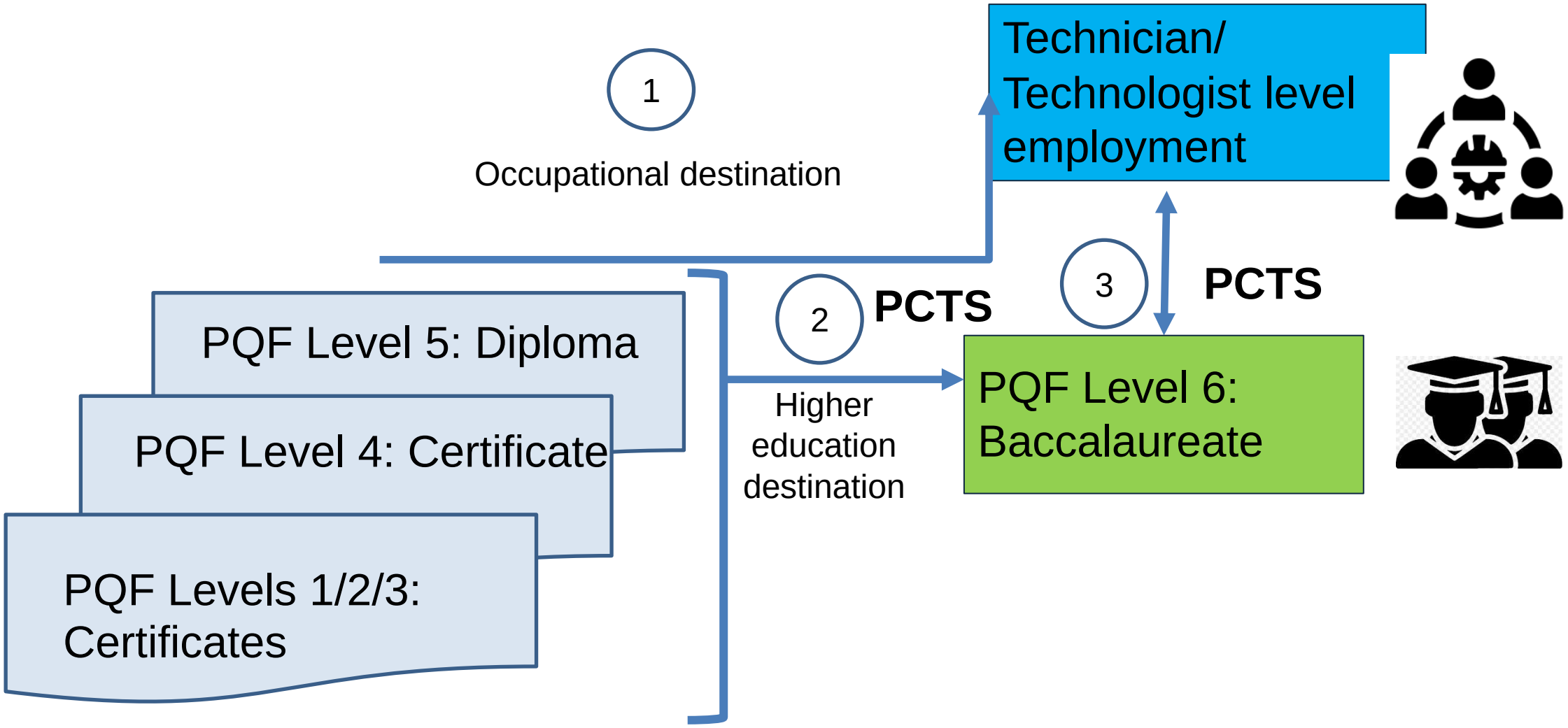


Part 1: Philippine Education and Training System

Part 2: Philippine Credit Transfer System (PCTS)

Part 3: Proposed Guide to Matching Learning Outcomes for Credit Transfer

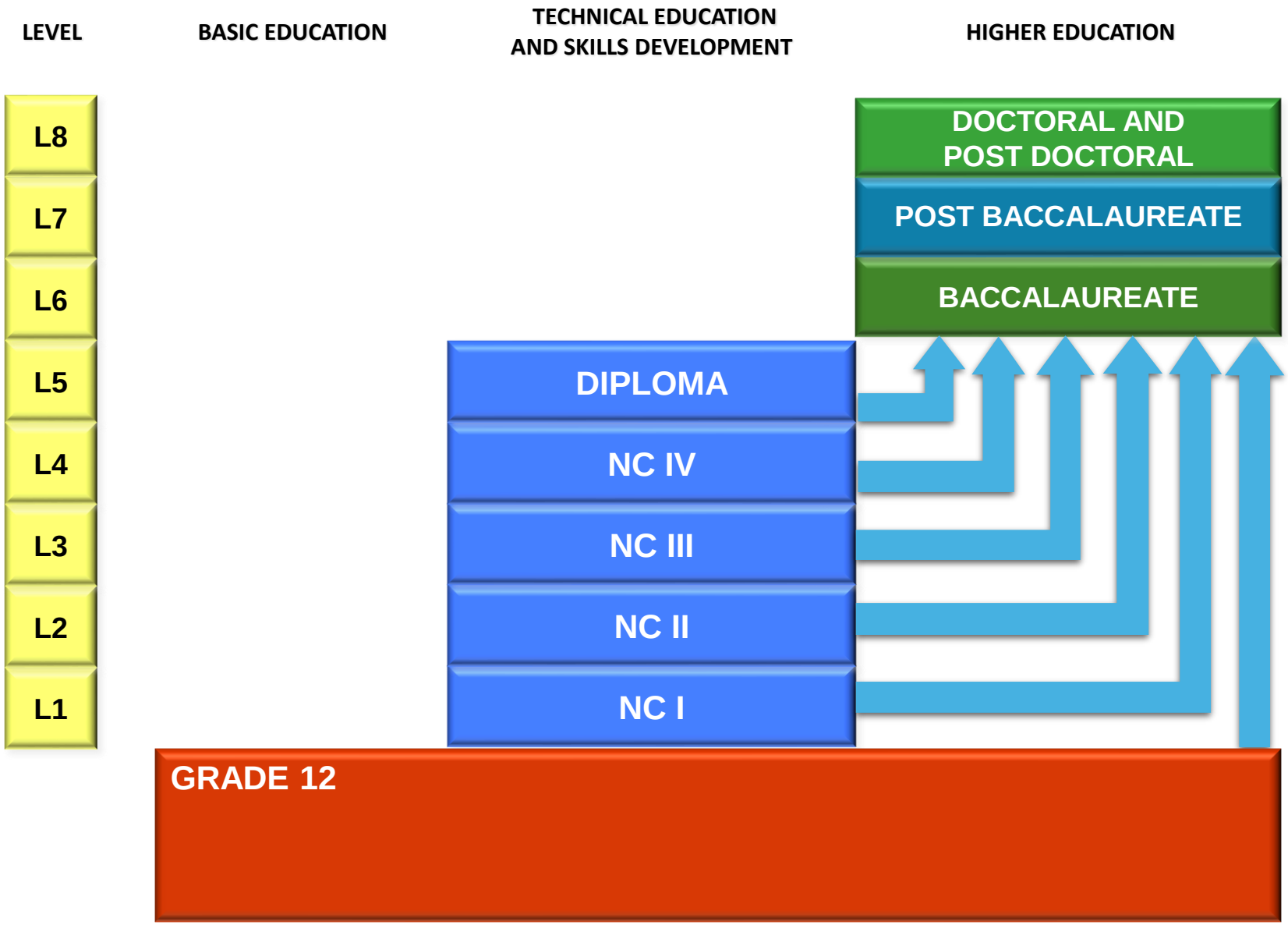
TVET: A pathway to better employment & higher education

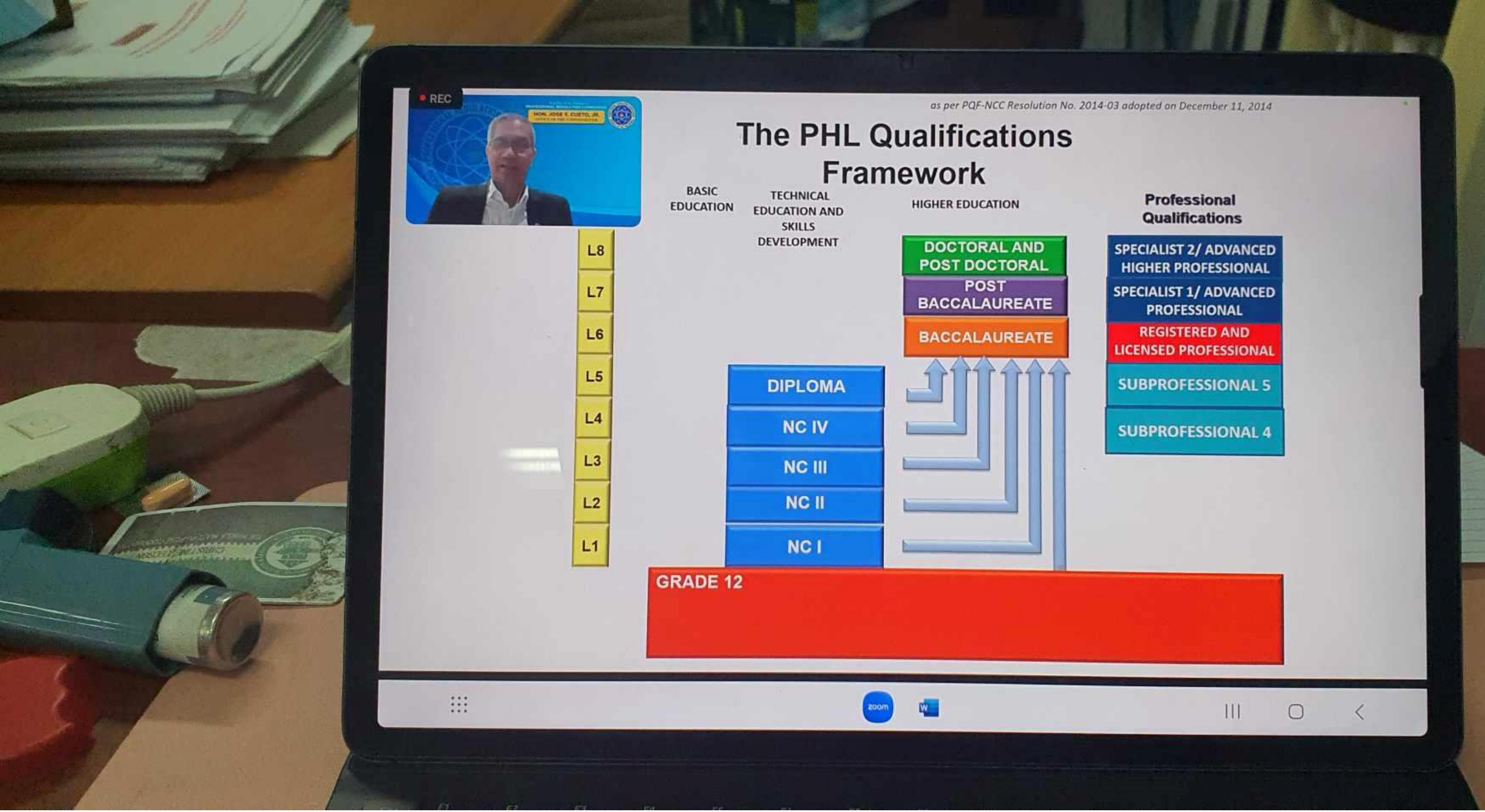


PART 3:
PROPOSED GUIDE TO MATCHING LEARNING OUTCOMES FOR CREDIT TRANSFER

as per PQF-NCC Resolution No. 2014-03 adopted on December 11, 2014

The PHL Qualifications Framework




REC
as per PQF-NCC Resolution No. 2014-03 adopted on December 11, 2014
The PHL Qualifications Framework
BASIC EDUCATION
TECHNICAL EDUCATION AND SKILLS DEVELOPMENT
HIGHER EDUCATION
Professional Qualifications
L8
L7
L6
L5
L4
L3
L2
L1
DOCTORAL AND POST DOCTORAL
POST BACCALAUREATE
BACCALAUREATE
DIPLOMA
NC IV
NC III
NC II
NC I
GRADE 12
SPECIALIST 2/ ADVANCED HIGHER PROFESSIONAL
SPECIALIST 1/ ADVANCED PROFESSIONAL
REGISTERED AND LICENSED PROFESSIONAL
SUBPROFESSIONAL 5
SUBPROFESSIONAL 4

Professional Track

SPECIALIST 2/ ADVANCED HIGHER PROFESSIONAL

SPECIALIST 1/ ADVANCED PROFESSIONAL

REGISTERED AND LICENSED PROFESSIONAL

SUBPROFESSIONAL 5

SUBPROFESSIONAL 4

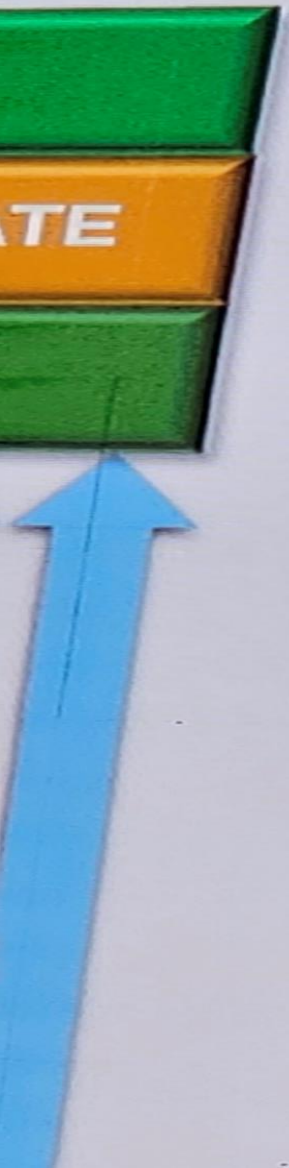
PEE w/ Certificate of Specialty

PEE

REE

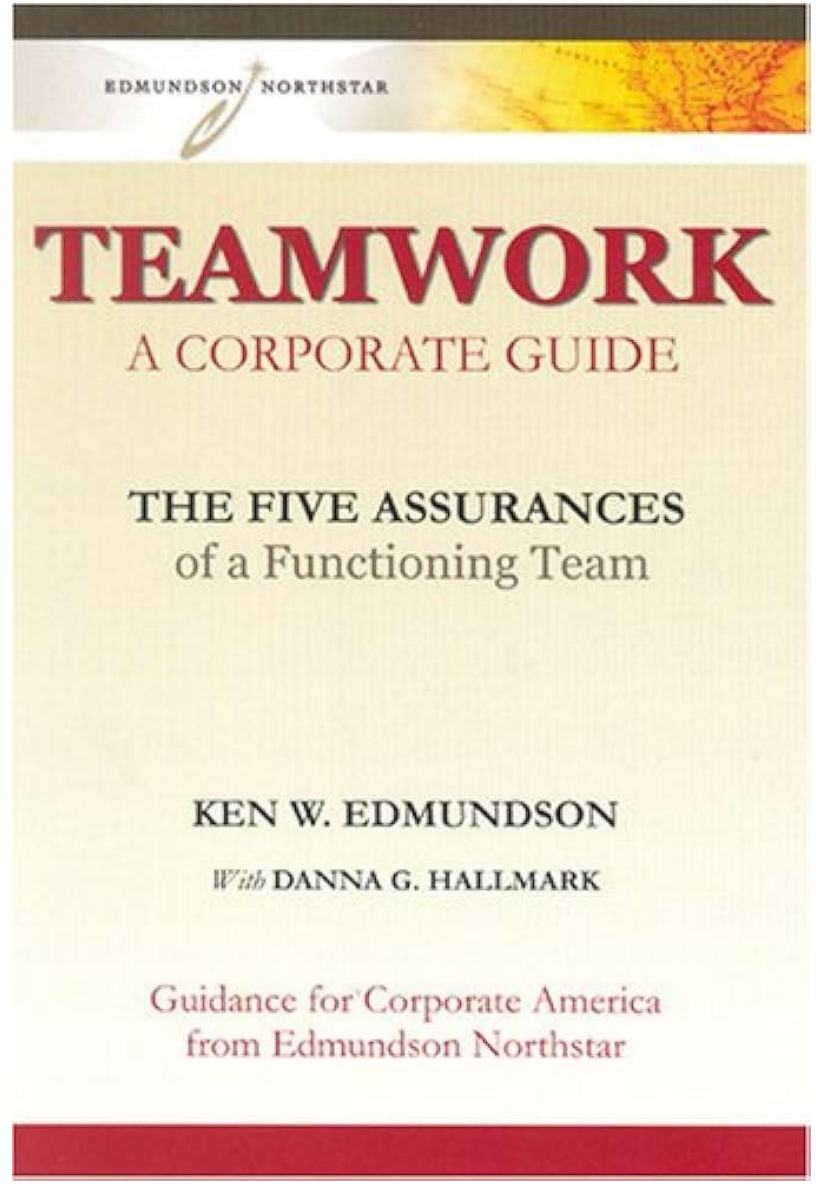
RME

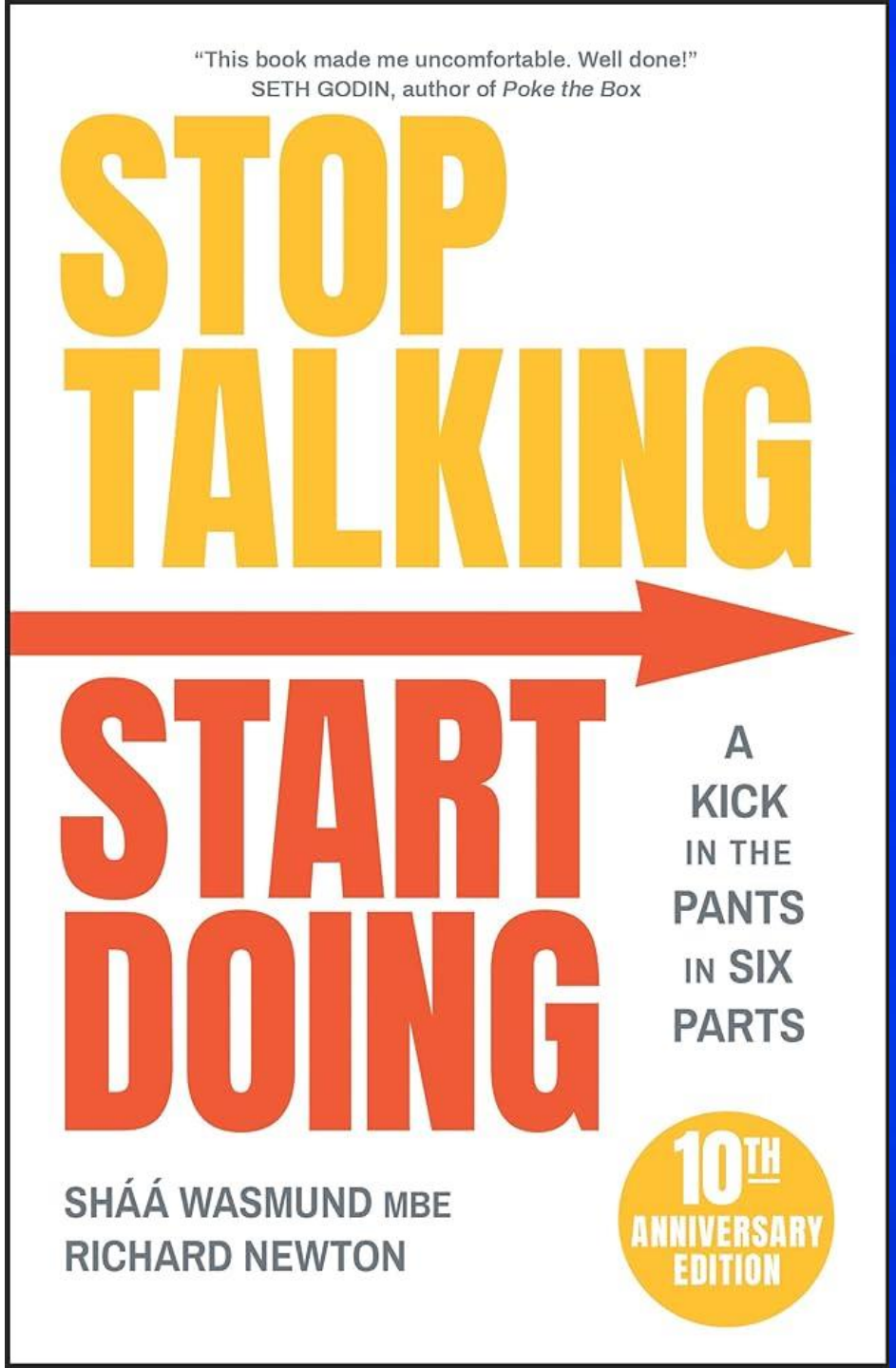
Technician

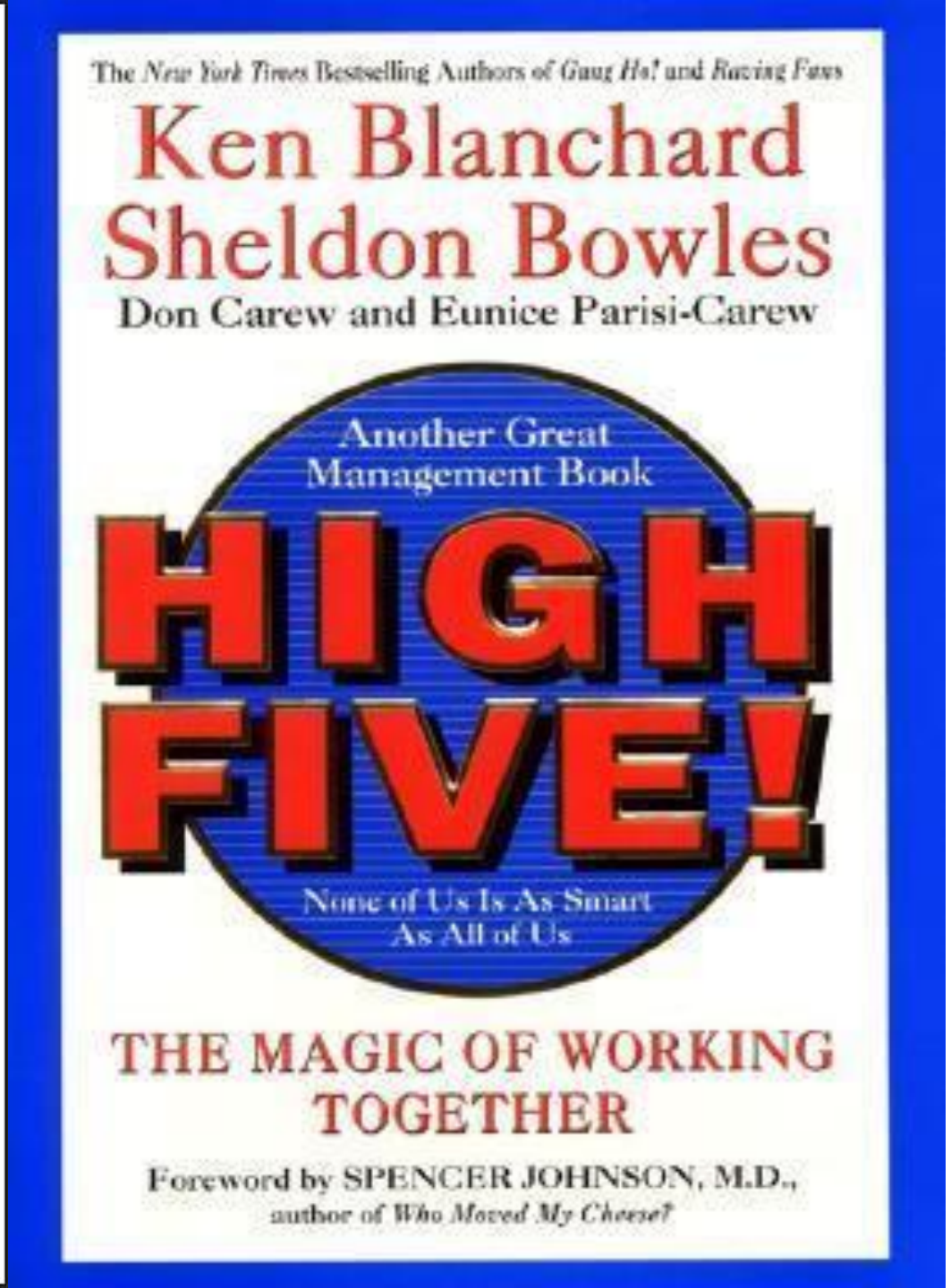


The meaning of TEAM

- T- TOGETHER
- E- EVERYON
- A- ACHIEVES
- M- MORE…..




"This book made me uncomfortable. Well done!"
SETH GODIN, author of *Poke the Box*
STOP TALKING
START DOING
A KICK IN THE PANTS IN SIX PARTS
SHÁÁ WASMUND MBE
RICHARD NEWTON
10TH ANNIVERSARY EDITION


The *New York Times* Bestselling Authors of *Gung Ho!* and *Raving Fans*
Ken Blanchard
Sheldon Bowles
Don Carew and Eunice Parisi-Carew
Another Great Management Book
HIGH FIVE!
None of Us Is As Smart As All of Us
THE MAGIC OF WORKING TOGETHER
Foreword by SPENCER JOHNSON, M.D., author of *Who Moved My Cheese?*

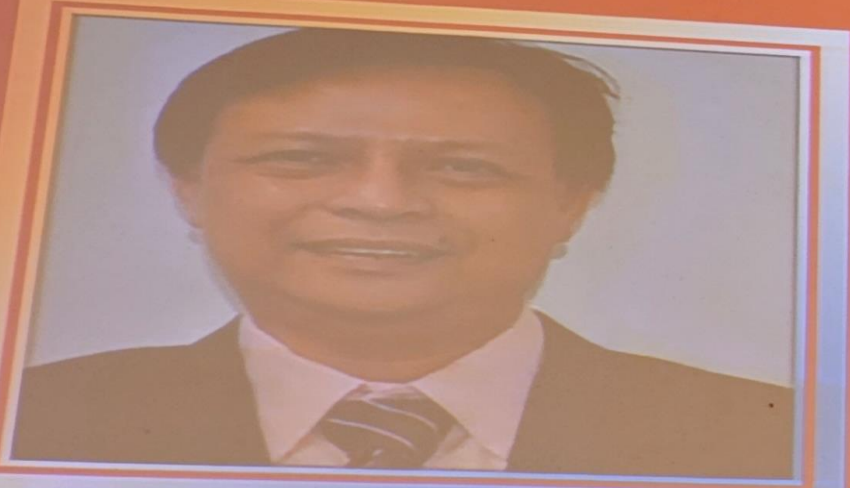
CHECKLIST OF REQUIREMENTS

1	Letter of Intent
2	Duly signed accomplished ACPE Application Form IAO-QRD-08 Rev. 03
3	Certificate of CPD Compliance issued by the PRC Regional Office
4	Certified True Copy of Transcript of Records
5	Updated copy of PRC Professional Identification Card
6	Original Certificate of No Pending Administrative Case issued by the PRC
7	Certificate of Good Standing issued by the respective APO
8	Original Copy of valid NBI Clearance
9	Signed Statement of Compliance with Code of Ethics - Notarized
10	Certificate/s of Employment covering a period not less than seven (7) years and/or Certification of Project completion
11	Passport size picture (4.5 cm x 3.5 cm or 1.8 inches x 1.4 inches) -Colored, with white background and name tag in the format: First Name,Middle Initial, Last Name, and Extension Name, if any -Taken within three (3) months prior to the filing of the application -Applicant must be wearing a coat and tie for men and blazer for women
12	Payment: Php 2,000.00 non-refundable processing fee

Important Note: Applicant must submit his/ her application through the ACPE online application system (https://online.prc.gov.ph/) and upload all documentary requirements in one pdf file in the online application system to facilitate the processingof the application. **Kindly scan the documents in an orderly manner based on the list above.**

For applicants with difficulty accessing the ACPE online application system, please submit the following at the PRC-Regional Office nearest the applicants' place:

	Three (3) sets of hard copies of accomplished application forms including the abovementioned supporting documents – One original and two duplicate copies - Officio size (8 ½"x 13") of paper shall be used throughout; - Photocopies of large documents shall be reduced accordingly; - Must be submitted in a loop wires (spiral binder) with each paper page in a back-back format
	Soft copy of ACPE application including all attachments in USB flash disk
	Payment: Php 2,000.00 non-refundable processing fee



ENGR. LYNDON RANCES BAGUE

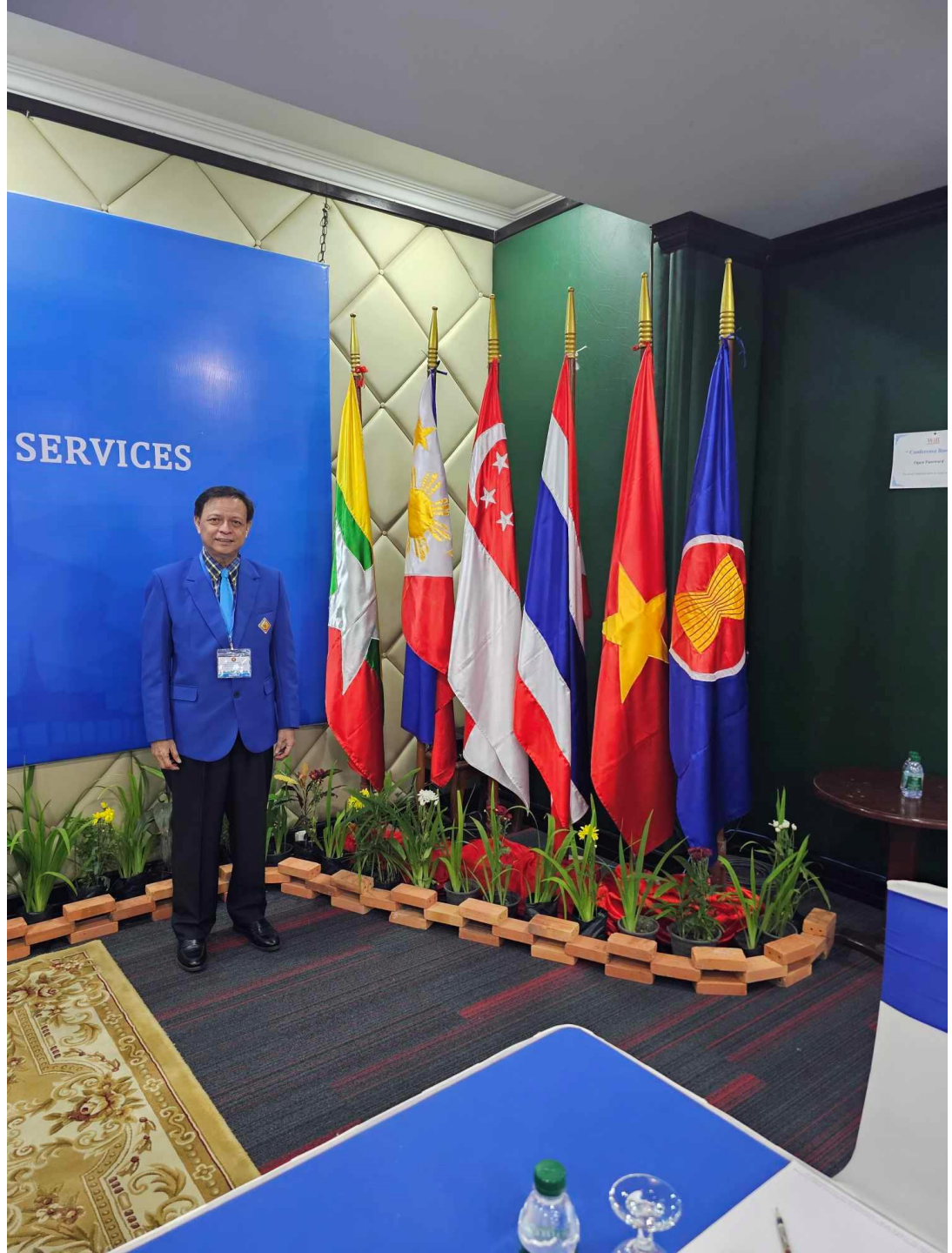
- National President, IIEE

Associate Professor

Professional Electrical Engineer

ASEAN Engineer

IIEE Most Outstanding Electrical Engineering in Education


SERVICES

PHILIPPINES

References

- Republic Act No. 7920, otherwise known as the “New Electrical Engineering Law”;
- Republic Act No. 8981. Also known as the “Professional Regulation Commission Modernization Act of 2000”;
- Republic Act No, 10968, otherwise known as the “Philippine Qualifications Framework Law of 2019” and
- Republic Act No. 10912. Otherwise known as the “Continuing Professional Development Act of 2016”
- https://professional.dce.harvard.edu/blog/why-is-professional-development-important/
- https://www.linkedin.com/pulse/embracing-continuous-professional-development-career-growth-carlsson
- https://pdh-pro.com/pe-resources/engineering-educational-and-career-goals-6-reasons-why-continuing-your-engineering-education-advances-your-career/
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- 2020-1244 GUIDELINES ON THE MATRIX OF CONTINUING PROFESSIONAL DEVELOPMENT
- 2022-1553 New Prescriptive Periods For Continuing Professional Development (CPD) Transactions
- 2022-1577 EXTENDING THE ACCEPTANCE OF CPD UNDERTAKING FOR THE RENEWAL OF
- 2022-1591 GUIDELINES ON THE ACCREDITATION OF SPECIALTY SOCIETYORGANIZATION
- 2024-14 GUIDELINES ON THE CREATION OF A CAREER PROGRESSION AND SPECIALIZATION PROGRAM FOR THE ADVANCED PROFESSIONAL ELECTRICAL ENGINEERING LEVEL 8

THANKS FOR LISTENING

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